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grammy dia Opredeleniya Effektivnosti Ustanovki  
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An approximate method is presented for evaluating the  
effect of a nozzle on the performance of a propeller.  
Illustrative diagrams are included. An example of the  
performance of a tug with and without nozzle is also  
given. (David Taylor Model Basin abstract)

1. Propellers (Marine)--  
Thrust
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  3. Nozzles--Test results
- I. Mamontov, Yu. N.
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Trans. of [Zeitschrift für Physikalische Chemie,  
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(Abstract available).

DESCRIPTORS: \*Reaction kinetics, Solids,  
Chemical reactions, Equations, Corrosion, Com-  
bustion, Ores (Metal sources), Heat treatment,  
Dehydration, Phase studies.

A method developed earlier is used to calculate the  
time-transformation formula for a powder consisting  
(Chemistry--Physical, TT, v. 11, no. 3) (over)

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I. Mampel, K. L.  
II. Title: Time ...

Office of Technical Services

TT-63-20650

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(Abstract available)

DESCRIPTORS: \*Reaction kinetics, Solids, Chemical reactions, Equations, Corrosion, Combustion, Ores (Metal sources), Heat treatment, Dehydration, Phase studies.

The principal conceptions about heterogeneous reaction kinetics are listed. Hitherto, transformation formulas (Chemistry--Physical, TT, v. 11, no. 3) (over)

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